

## ABSTRACT OF THE DISCLOSURE

A simulation-verification personal computer comprises a control device simulating simulator personal computer, and a plant model simulator personal computer. The control device simulating simulator personal computer is loaded with a control logic incorporated into a control device. The plant model simulator person computer is loaded with a plant model logic. Upon receipt of an operation command signal, the control logic sends a control command signal, for controlling the run of a plant, to the plant model logic. Upon receipt of the control command signal, the plant model logic performs a simulated action showing the action status of the plant, and outputs a run status signal showing the action status. Both the control logic and the plant model logic use Linux as their OS, and thus can work simultaneously on the personal computers.